**Supplementary figure legends**

Supplementary eFigure 1: A histogram illustrating the variability of the follow-up duration in the patient population.

Supplementary eFigure 2: Scatterplots depicting sNfL values by age separately presented for HCs (a) and MS patients (b). sNfL= serum neurofilament light chain; RRMS= relapsing remitting multiple sclerosis; PMS = progressive multiple sclerosis.

Supplementary eFigure 3: A boxplot depicting sNfL concentrations in subgroups of patients at baseline. HC= healthy control; RRMS = relapsing-remitting MS; PMS = progressive MS; sNfL= serum neurofilament light chain. PMS no treatment vs HC, p < 0.05, adjusted for age and sex. P-values were not adjusted for multiple testing.